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(54) Title: NUCLEIC ACID AMPLIFICATION OLIGONUCLEOTIDES AND PROBES TO LYME DISEASE ASSOCIATED BORRELIA

(57) Abstract

The present invention discloses hybridization assay probes, amplification primers, nucleic acid compositions and methods useful for detecting *Borrelia* nucleic acids. Hybridization assay probes and amplification primers that selectively detect Lyme disease-associated *Borrelia* and distinguish those *Borrelia* from *Borrelia hermsii* are disclosed. Other hybridization probes selectively detect *Borrelia hermsii* and not Lyme disease-associated *Borrelia* are also described.